

Claims:

1. A method for preventing a light guide plate from being distorted comprising the following steps:
 - providing a light guide plate comprising two surfaces;
 - attaching protective films on the two surfaces of the light guide plate before processing the light guide plate;
 - removing the films from the two surfaces immediately before processing; and
 - forming a polymer coating on one of the surfaces of the light guide plate which is not to be processed after removing the films, the polymer coating being formed on the surface before further steps of processing.
2. The method as described in claim 1, wherein the polymer coating has two sides, one side being hydrophobic, and the opposite side being lipophilic.
3. The method as described in claim 2, wherein the lipophilic side of the polymer coating is adjacent the light guide plate.
4. The method as described in claim 1, wherein the protective films are made of plastic materials.
5. The method as described in claim 1, wherein functional groups in the polymer coating can only absorb wavelengths longer than 780 nanometers or shorter than 380 nanometers.
6. The method as described in claim 1, wherein the light guide plate is made of polymethyl methacrylate.
7. The method as described in claim 1, wherein the polymer coating is formed on the surface of the light guide plate by spraying or by other suitable methods.

8. A structure including a light guide plate providing a processing surface, and a non-processing surface located opposite to said processing surface and coated with a polymer coating which defines two sides of which, one relatively adjacent to the non-processing surface is lipophilic for good attachment on the light guide plate, and the other relatively away from the non-processing surface is hydrophobic for good isolation from moisture in the air.